

# **\*\*ATTENTION\*\***

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**T**he gold rush of the 80's has seen thousands of prospectors searching for a strike. Creeks, streams, or rivers that hold some promise of color will have men, women, and children equipped with today's modern prospecting equipment seeking riches.

But these waters are also important to the plant and animal community of the area. With the dwindling fish and wildlife habitat, it is vitally important to protect and preserve what we have.

# **STATE AND FEDERAL LAWS**

To protect the environment, and still give prospectors and miners an opportunity to pursue their activity, certain state and federal agencies, through their statutory authority, require permits or have other involvement. For further information on any one of these statutes, contact the administering agency:

## **Washington Department of Wildlife and Washington Department of Fisheries**

These departments jointly administer the Hydraulics Code (RCW 75.20.100), which requires that any person or government agency desiring to use, divert, obstruct, or change the natural flow or bed of any river or stream, or utilize materials from stream beds shall obtain a Hydraulic Project Approval (HPA). Application forms may be obtained from any Wildlife or Fisheries office. (See further discussion of the HPA in a later section.)

## **Washington Department of Ecology**

### *Shoreline Management Act*

The Shoreline Management Act of 1971 recognizes the value of the state's shoreline, both as an important natural resource and as an area of significant public interest. The purpose of this act is to set goals and guidelines for the best management of shorelines rather than unnecessary restrictions for their uses.

Cities and counties have responsibility for locally administering the act. City and county Shoreline Master Programs discuss mining and dredging activities and promote the wise use of shoreline. They include areas where mining and dredging can or cannot be conducted.

Also, they administer a permit system. Any shoreline development, use, or construction activity valued at \$1,000 or more, or which materially interferes with the normal public use of the water or shoreline area, requires a permit. The Department of Ecology generally acts in a support role to local government.

All gold dredgers are urged to contact their local permit coordinator (usually the county planning office) before beginning or investing money in gold dredging.

## *State Water Quality Standards*

As with the Shoreline Management Act, the state's Water Quality Standards are designed to protect the many beneficial uses of our lakes, streams, rivers, and marine waters. Standards do not include activities which interfere with or harm beneficial uses. Further, no lessening of water quality is allowed in waters in national parks, national recreation areas, national wildlife areas, national wildlife refuges, national scenic rivers, or areas of national ecological importance.

The Department of Ecology checks complaints of water quality violations. If a violation is found, the department can prosecute.

## **Washington Parks and Recreation**

No unauthorized panning or dredging for gold or other precious metals is permitted within streams or other waterways within the boundaries of any state park. Also, these activities are not allowed in the state Seashore Conservation Area, which is within the line of extreme low tide to the line of ordinary high water. This area extends from Cape Disappointment to Cape Flattery (RCW 43.51.060(7)).

## **Washington Department of Natural Resources**

The right to mine minerals on land in Washington depends upon the ownership of land. Not all land is automatically "open." Information regarding lands that are open to the staking of mining claims may be obtained by consulting a copy of "Washington's Major Public Lands."

In general, there is no objection to a person examining state lands to determine which area he might want to lease. However, after an area has been selected, a prospecting lease or mining contract is required. Prospecting leases are for two years. The area covered by a lease may not be less than 40 acres (less if a legal government lot) or more than 640 acres (more if a legal section). A mining contract is required when the actual mining starts.

When Washington became a state, Congress granted to it sections 16 and 36 of some townships as soon as the land was surveyed. Within the national forests there are many surveyed school lands. These lands belong to the state and are not open to prospecting and mining, but may be leased from the state.

Navigable streams and lake beds are owned by the state and are subject to mineral leasing from the state.

Any surface mining operation where more than two acres are disturbed or more than ten thousand tons of materials are removed within twelve consecutive months requires a surface mining permit. For information on prospecting permits, mining contracts, or surface mining permits contact the appropriate Department of Natural Resources area office.

Information on where to prospect can be obtained from the Department of Natural Resources, Division of Geology and Earth Resources, Olympia.

## **National Parks**

No prospecting or mining is allowed within the boundaries of national parks, national recreation areas, or other areas administered by the National Park Service. This includes all streams or portions of streams within their boundaries, regardless of the stream classification.

## **United States Forest Service**

The 1872 mining law authorizes prospecting on most federal lands in the nation. The prospector should contact the local federal land manager to see if there are restrictions in the area of interest. This law does not affect state laws or authorities. Even when prospecting on federal lands, you still must obtain required state permits.

Anyone proposing prospecting or mining operations that might cause disturbance of surface resources in the national forest system must give the local Forest Service office a "notice of intention to operate." If the authorized forest officer determines that such operations will cause significant disturbance to the environment, the operator must submit a proposed plan of operations. Of course, if an operator knows the proposed operation will cause significant surface disturbance, a proposed plan should be submitted immediately. District rangers can be helpful in preparing such plans, if necessary.

## **U.S. Army Corps of Engineers**

Activities in navigable waters of the United States may require a Corps of Engineers permit, or may be forbidden. For information concerning this, contact the Corps' regional office in either Seattle, Spokane, or Portland.

## **Cities, Counties, Municipalities, Etc.**

Through the Shoreline Management Act, cities and counties may restrict activities in waters under their jurisdiction. Further, certain city and county watersheds are closed to all gold prospecting activities. You may be subject to prosecution for failure to observe restricted areas.

# STREAM ENVIRONMENT

Although mining and prospecting (these are considered synonymous) activities have the potential to impact wildlife (disturbance of vegetation, equipment noise, human intrusion, etc.), it is the streams and fish that will suffer most if these projects are performed without consideration for the aquatic environment.

Most mining and prospecting can be compatible with fish life, provided the habitat is recognized, protected, and proper conservation practices are observed.

## Water

Temperature and sediments are two of the most important water factors affecting the fishery resource. Cool, clean water is necessary to sustain fish life.

High stream temperatures decrease the ability of fish to withstand diseases and increase their sensitivity to stress. The ability to feed, spawn, migrate, navigate, and adapt to changes in their surroundings is reduced. Removal of stream-side vegetation generally is the cause of increased water temperature.

Sediment (particles of dirt and mud debris, either suspended in water or settled on stream bottoms) transport is related to stream flow velocity and bed gradient. Within any stream reach, sediment is principally carried in suspension during periods of high flow, and is carried through the reach without being deposited in the main channel. During lower flows and velocities, sediment will be deposited on or within gravels and pools, because velocities are reduced in these areas.

Sediments can directly or indirectly affect the stream environment by: (1) reducing kinds and numbers of aquatic plants through abrasive action, through a decrease in the amount of light reaching plants, direct smothering of plant material, or changing the bottom composition from gravel to silt; (2) reducing numbers of bottom-dwelling animals through a reduction in food by clogging gills and food filters of insects, or by decreasing living space as areas between rocks are filled with silt; (3) reducing fish numbers by decreasing food supplies, damaging gills, decreasing sight distances (making it hard to see and catch food), and covering spawning areas, which either smothers eggs and fry that are in the gravel, or makes the area unsuitable for spawning.

## Stream Bed

The actual shape of a stream bed is very important in determining whether the area can support fish and what uses will be made of it by resident and migratory fish (see figures 1, 2, and 3).

It is vitally important that the existing channel configuration be maintained. Channelization, straightening, or altering a stream channel so that the natural meander is removed generally results in increased water velocity. This normally creates a hydraulic imbalance within that stream that can result in scouring, increased bed load transport, removal of spawning areas, filling of pools, and downstream bank erosion.

A profile of a typical stream shows a series of shallow areas (riffles) and deeper areas (pools) spaced every five to seven channel widths apart. Riffles are stream areas which have a greater than average slope (for the particular section of stream in question), less than average depth, and therefore are areas of higher water velocity. Because of the faster, shallower waters, riffles are recognized as "white water" or turbulent areas of streams. In most streams, riffles are composed of larger boulders, rocks, and coarse gravel. Because of the faster water and many living spaces provided among the rocks for insects, riffles are important food producing areas of streams. Riffles are also important as spawning areas.

Pools, in contrast with riffles, are stream areas of deeper, slower water. Under low flow conditions, the water surfaces of pools are generally flat and smooth. The stream bed in pool areas is often composed of smaller rocks, gravel, or even sand and silt. Because of the deeper, slower water, pools are the major resting and rearing areas for fish.

Cover (see figure 2) in smaller streams is provided by undercut banks, large rocks, embedded logs, and low overhanging bank vegetation. Removal or disturbance of these sheltered areas can seriously disrupt the capacity of an area to support fish. Removal of large rocks, for example, can reduce the size and character of pools either by changing the direction of stream flow or releasing trapped sediments. Removal of embedded material can destroy pools and cause instability of upstream riffles.

## **Fish Food**

Fish feed primarily on insects. Aquatic plants (algae) provide food for the insects. Plants, and to some extent insects, are often destroyed by dredging activities, particularly by physical injury. Indirect destruction of insects can result from destruction of the food supply, displacement of insects, and increased competition downstream. Dredging removes much of the plant life that is eaten by insects which live in or on stream beds. Consequently, even though natural insect drift may repopulate an area, the food base may not be present to support a new colony.

## **Plants**

Streambank vegetation serves many critical functions in the stream ecosystem (see figure 2).

- 1) **Stability** — While grasses and herbaceous plants have the greatest soil binding abilities, woody plants (in particular, their root systems) also protect banks from erosion. Stable banks contribute a minimum of sediment to the stream.
- 2) **Wildlife** — Streambank vegetation provides cover for many types of insects, birds, and mammals, as well as providing corridors for movement of wildlife from one place to another.
- 3) **Fish** — Streamside plants contribute protective cover and insects for fish. There is a direct link between the amount of vegetation and total fish production of a stream. Overhanging brush also helps maintain optimum water temperatures.

Activities which disturb streambank vegetation can affect fish populations for many years. Excavations around plant roots, for example, may result in considerable erosion during the next winter's high water flow or rains. Consequently, while the disturbance may not be immediate, the long-term loss can be severe.

## Fish

The existence of fish in any stream depends on the quality of all factors mentioned. Given adequate supply of cool, clean water, food, and the proper stream environment, fish will spawn and populations will be maintained.

Spawning sites chosen by salmon and trout vary with the species. Generally, the preferred sites are in riffles or at the tail or sides of pools (see figures 1 and 3). One notable exception to this is in streams with bed rock, or large boulder stream beds, where the fish spawn in small patches of gravel located on the downstream side of large boulders. These patches may represent the only available spawning area, particularly in headwaters. These spawning gravels could be entirely removed and scattered by a single pass of a small dredge or shovel and not be restored by nature for years.

Spawning nests (redds) may be recognized as areas, generally oval depressions, in the gravel which appear brighter or cleaner than the surrounding gravel. The water depth at these sites will vary from barely enough to cover the fish's back to more than five feet. Coho salmon, steelhead, sea-run cutthroat trout, as well as many resident fish, can spawn in streams that are less than two feet wide at high flows, and go dry during summer months.

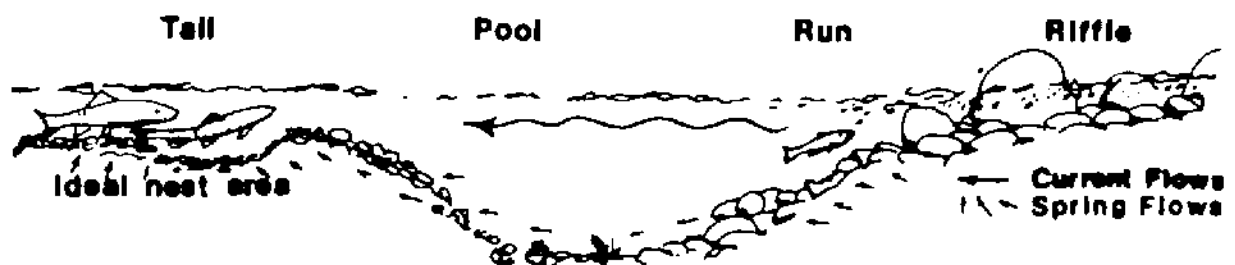
Resident trout prefer to spawn in clean gravel that ranges in size from one-half to one and one-half inches in diameter. Salmon and steelhead spawn in gravel that is one and one-half or more inches in diameter. Steelhead, rainbow, and cutthroat trout spawn primarily in the spring months, March through June, and their eggs and fry remain in the gravel through mid-summer. In general, salmon spawn from mid-August through mid-February, and their eggs and fry remain in the gravel until the following spring (early summer for late spawning coho). Pink salmon return to Pacific Northwest rivers in odd-numbered years and spawn from late August until November. Coho and chum salmon spawn from October through February. Chinook spawn from mid-August through mid-November, and sockeye generally spawn from September through December. Brook trout, brown trout, Dolly Varden, and kokanee spawn from September through December, and their eggs and fry also remain in the gravel through the winter.

Obviously, the critical aspects of fish protection will differ by stream, fish species, presence of spawning areas, water flow characteristics, etc. Recreational mining can cause several problems not faced by fish managers under normal conditions: (1) physical disruption of spawning areas and activities; (2) egg and fry mortality caused by direct physical damage from prospecting equipment; (3) sedimentation of spawning gravels, causing suffocation of eggs or blocking emergence of fry; and (4) alteration of habitat (streambed and bank).

Much has been said about the benefits to fish from mining activities. Most often mentioned are gravel cleaning and the release of food from a dredge outlet. These actions may and probably do occur, but other effects must be

considered before this can be considered beneficial. The material cleared from gravels is not removed from the stream but deposited elsewhere in the channel. The cleansing process is not selective, but may remove beneficial materials as well. Insects being discharged from a dredge outlet are food removed from another area. While this may make it easier for the fish to feed during mining activities, it is only short-term benefit, and may cause a net loss of overall insect production.

Research has been and will continue to be done in many areas, but until all questions are answered, fish managers must rely on their best professional judgment to protect this valuable fish life.



*Figure 1: Natural nest areas that most spawning trout, steelhead, and salmon use. (Stream cross-section diagram courtesy Idaho State Fish and Game.)*



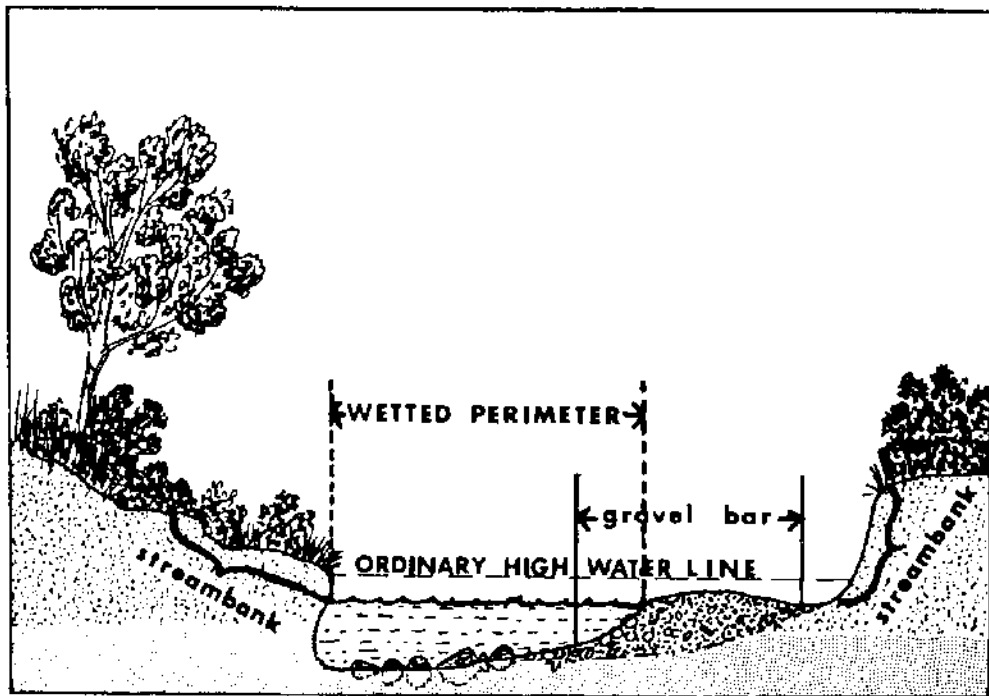


Figure 2. Typical stream (cross-section). (Diagram courtesy Drivdahl and Smith, Washington Department of Wildlife.)

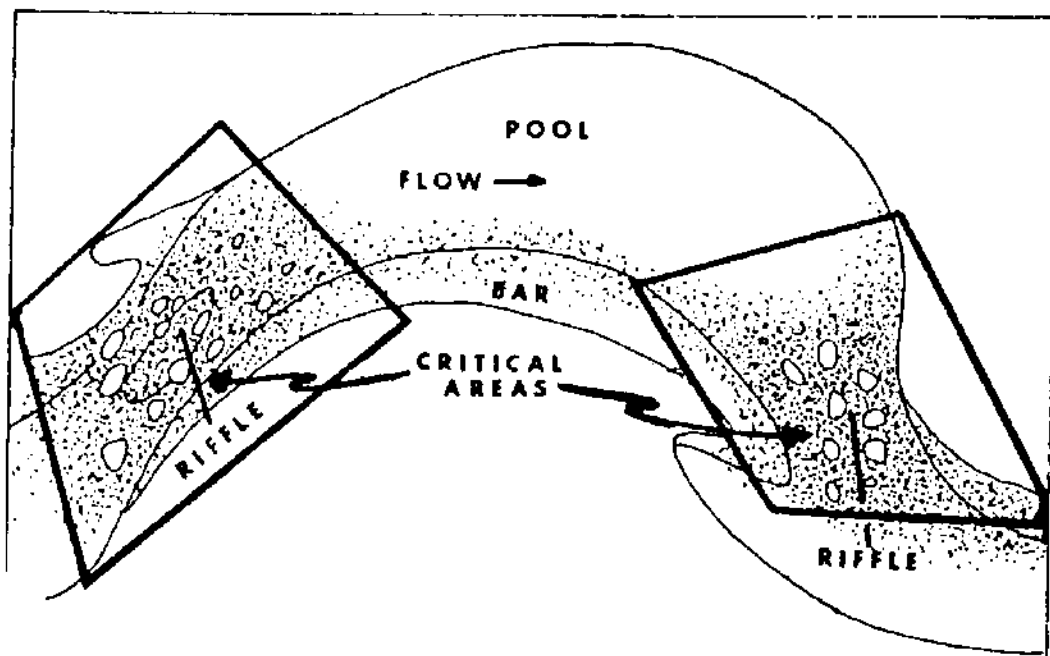


Figure 3. Stream meander.

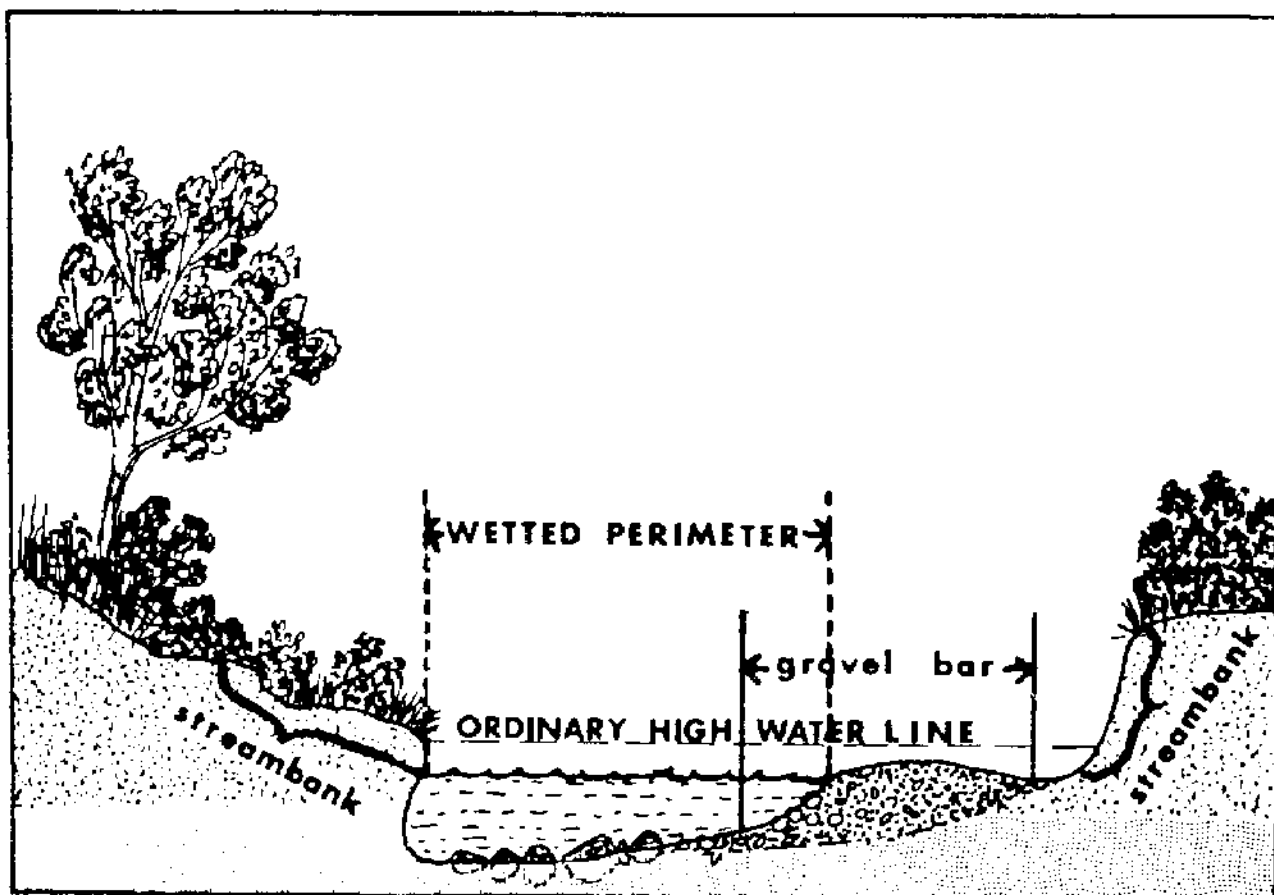


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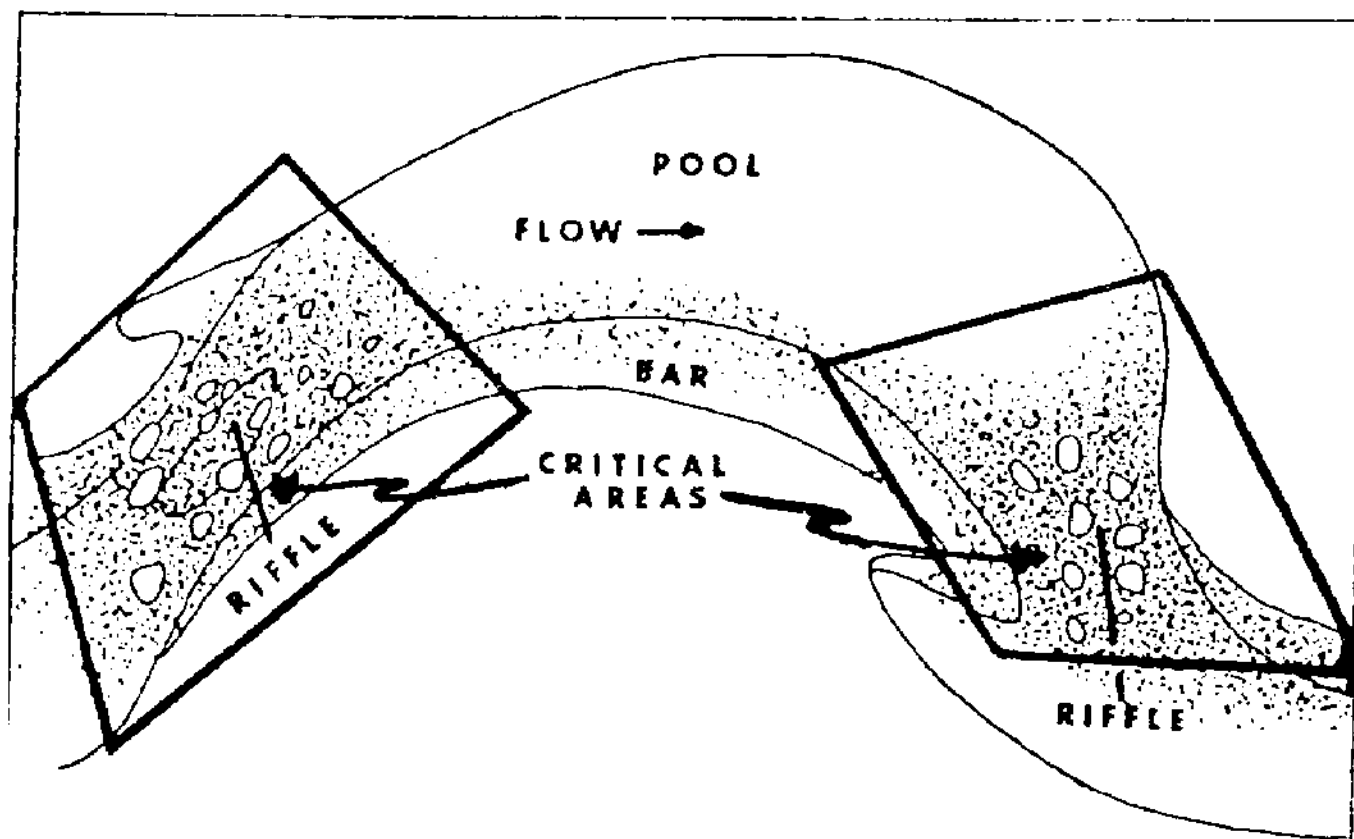


Figure 3. Stream meander.

- 2) Suction removal of aggregate from sluice or sluice tailings may be performed by a suction device powered by an engine of not more than 3 HP with a maximum intake nozzle size of 1.5".
- 3) There shall be no stream bank excavation (Figure 2).
- 4) There shall be no disturbance of rooted or embedded woody plants (trees, shrubs, etc.).
- 5) All excavations shall be performed by hand or hand-held tools only.
- 6) There shall be no disturbance of graveled spawning areas (figure 3).
- 7) Materials too large to be moved by hand or hand-held tools shall not be disturbed.
- 8) Diversion of the flowing stream shall be only that necessary to direct water into a sluice box.
- 9) There shall be no damming of the flowing stream.
- 10) All pits, furrows, potholes and diversions must be filled or leveled prior to leaving the project site, to prevent fish entrapment.
- 11) No motorized, tracked, or wheeled vehicles shall be allowed within the wetted perimeter of the stream.
- 12) Any siltation in excess of state water quality standards resulting from this project may be considered damaging to fish life, causing operations to be terminated and the Hydraulics Project Approval cancelled.
- 13) This approval does not authorize entry onto private property or removal of minerals from an existing mining claim. It is the applicant's responsibility to determine if a claim has been issued. The Department of Natural Resources or Bureau of Land Management should be contacted regarding this.

## Dredging

*This shall include any motorized movement of gravel, sand, or water. An HPA is required.*

- 1) This approval authorizes the use of a suction dredge having a nozzle intake size not to exceed that allowed in the stream listing section for the area in which it is operated.
- 2) There shall be no hydraulicing (jet or nozzle) outside of the wetted perimeter.
- 3) There shall be no streambank excavation (figure 2).
- 4) There shall be no disturbance of rooted or embedded woody plants (trees, shrubs, etc.).
- 5) There shall be no disturbance of graveled spawning areas (Figure 3).
- 6) All pits, furrows, and potholes must be filled or leveled prior to leaving the project site, to prevent fish entrapment.
- 7) Damming or diversion of the stream shall be allowed only to the extent necessary to operate a dredge, and shall be removed prior to leaving the site.
- 8) No motorized, tracked, or wheeled vehicles shall be allowed within the wetted perimeter of the stream.
- 9) Motorized tools shall not be used to move materials offering fish cover (boulders, logs, stumps, etc.) too large to be moved by hand.
- 10) Stable woody debris jams shall not be disturbed.

- 11) Extreme care shall be taken to assure that no petroleum products or other deleterious material is allowed to fall, be wasted into, or otherwise deposited so as to enter surface waters.
- 12) Any siltation in excess of state water quality standards resulting from this project may be considered damaging to fish life, causing operations to be terminated and the Hydraulics Project Approval cancelled.
- 13) This approval does not authorize entry onto private property or removal of minerals from an existing mining claim. It is the applicant's responsibility to determine if a claim has been issued. The Department of Natural Resources or Bureau of Land Management should be contacted regarding this.

## Applications

For activities in the following areas requiring a Hydraulic Project Approval, submit to the Department of Fisheries:

Western Washington, which includes all lands lying west of the summit of the Cascade Mountains.

All mainstream Snake River projects and all mainstream Columbia River projects downstream of Chief Joseph Dam.

For activities in the following areas requiring a Hydraulic Project Approval, submit to the Department of Wildlife:

Eastern Washington, which includes all lands lying east of the summit of the Cascade Mountains including Klickitat County, except as noted above.

The application shall be mailed to the address of the appropriate agency.

Department of Fisheries

115 General Administration Building

Olympia, Washington 98504

(206) 753-6650

Department of Wildlife

600 North Capitol Way

Olympia, Washington 98504

(206) 753-5897

**You may request up to ten streams per application.** These streams must be named in the stream listings section of the pamphlet and must allow the activity you propose. You must follow the provisions and timing for the specific stream and the activity you perform. List the streams on the back of the application or attach a list. You may submit as many applications as you wish.

***APPLICATIONS FALL INTO TWO CATEGORIES — STANDARD AND NON-STANDARD.***

### *Standard*

If the activity, stream(s), timing, and equipment you desire to use are as listed in the stream classification section and the provisions in the stream protection section will be followed, it will be considered a standard application. Only name, address, stream(s), activity, and signature need be entered on the application.

The approval will be issued from Olympia, with no field investigation, generally within two weeks. The approval will be valid for all allowed activities, provided the habitat protection provisions and timing in the pamphlet are followed and the pamphlet is on the job site.

## *Non-Standard*

If the activity, stream, timing or equipment is other than that listed in the stream classification section, or the work plan is such that the activity provisions in the stream protection section will not be followed, it will be considered a non-standard application. The application must be completed in its entirety, including legal description (section, township, and range), description of work, method, equipment, vicinity map, etc. If this is an existing mining claim, attach a copy of the claim and leave the legal description blank. It will be evaluated and, if approved, will be only for that location. Further, if approved, it may or may not be as submitted. To aid in identification, please write "NON-STANDARD" on the top of the application. Allow approximately 30 days for processing.

Renewal of an existing approval can be issued for activities in subsequent years. No application is necessary. A letter or phone call to either the Department of Wildlife or Department of Fisheries in Olympia with your name and stream will suffice as an application for renewal. The renewal will be effective upon receipt and must be on the job site with the original approval.

An HPA will be issued to only one person, family, corporation, partnership, or business. Applications with multiple names or addresses will not be accepted. Someone other than the person or name on the approval may operate the equipment. In the event of a violation, the operator and the permittee (name on approval) are both liable.

# STREAM CLASSIFICATIONS

State waters have been classified by field biologists for three basic mineral prospecting activities. These are "standard" classifications.

- **Class I** — Panning (includes gold pans, mini-rocker boxes, and non-motorized sluice boxes) — no formal HPA required.
- **Class II** — Sluicing (includes sluice boxes and concentrators) — formal HPA required.
- **Class III** — Dredging (includes motorized movement of aggregates) — formal HPA required.
- See provisions for specific applicability.

The waters are listed in alphabetical order with each named river in the state having a separate heading. For example, although the Chiwawa River is a tributary of the Wenatchee River, it has its own classification. If a certain stream cannot be found, be sure to check both its alphabetical listing and the water to which it is a tributary. Waters not listed will be considered on a site-specific basis by submitting an application including section, township, and range. These would require a "non-standard" application. **Stream classifications may be changed if an activity is found detrimental to the fish resource or biological conditions change.**

Each activity will have a number code indicating the months this work is permitted. For dredging (Class III), there will also be a letter code indicating maximum allowable dredge size. If no number or letter appears under an activity class, that activity is not permitted. If the word "closed" is entered after a stream, it indicates no mining activity is permitted. If you have an existing claim for a closed water, an application will be considered, provided a copy of the claim is attached.

## Codes

### *Timing*

1 – January	2 – February	3 – March	4 – April
5 – May	6 – June	7 – July	8 – August
9 – September	10 – October	11 – November	12 – December

The timing code indicates the period a specific activity will be permitted. If one number is listed, the activity will be allowed for that month only. If two numbers are listed, the activity may be performed from the first day of the first month code through the last day of the second month code.

Examples: 7-8 July 1 through August 31  
 10 October 1 through 31  
 1-12 January 1 through December 31  
 7-1 July 1 through January 31

### *Dredge Nozzle Size*

A – 2½" maximum	B – 4" maximum
C – 6" maximum	D – 8" maximum

The dredge may be nozzled down to meet specific limitations by changing nozzle and hose size, nozzle size, or inserting a reducer ring at the nozzle.

## Stream Listings

	I	II	III		I	II	III
American R.				Big Quilcene R.			
Mouth to Morse Cr.	1-12	6	6A	Mouth to Hwy. 101	7-8	7-8	7-8A
Above Morse Cr.	1-12	1-12	7-8B	Highway 101 to Hdwrts.	7-10		
Morse Cr.	1-12	1-12	7-10B	All Other Tribs.	7-10		
All Other Tribs.	1-12			Black R.	1-12	7-10	7-8B
Baker R.	1-12	8-9	8-9A	Mima Cr. to Mill Cr.	1-12	7-10	7-9A
Rocky Cr.	1-12	6-9	8-9A	Waddle Cr. to Noski Cr.	1-12	7-10	7-9A
Sulphur Cr.	1-12	6-9	8-9A	All Other Tribs.	7-10		
Roaring Cr. Tribs.	1-12	1-12		Bogachiel R.	7-10	7-9	7B
All Other Tribs.	1-12			All Tribs.	7-10		
Bear R.	1-12	7-9		Bone R.	7-10		
All Tribs.	7-10			All Tribs.	7-10		
Beckler R.	7-10	7-9		Bumping R.	1-12	1-12	7-9B
All Tribs.	7-10	7-9		All Tribs.	1-12	7-10	
Big R.				Calawah R.			
Mouth to Boe Cr.	7-10	7-9		Mouth to Forks	7-10	7-9	7B
Above Boe Cr.	7-10			N. Fork Calawah R.			
All Tribs.	1-12			to Albion Cr.	7-10	7-9	
Big Sheep Cr.				Above Albion Cr.	7-10		
Mouth to Lower Falls	1-12	6-8	6-8B	S. Fork Calawah R.			
Above Lower Falls	1-12			to Park	7-10	7-9	
				All Other Tribs.	7-10		

	I	II	III		I	II	III
Canon R.	1-12	7- 8		Chelan Lake	1-12	7- 8	7- 8A
All Tribs.	1-12			Fish Cr. (S. 28,33)	1-12	7- 8	7- 8A
Canyon R.	1-12			Mitchell Cr. (S. 34)	1-12	7- 8	7- 8A
All Tribs.	1-12			Prince Cr. (S. 28,29,32)	1-12	7- 8	7- 8A
Carbon R.				Railroad Cr. (S. 9,10)	1-12	7- 8	7- 8A
Mouth to Fairfax Br.	1-12	7- 9	7- 8B	Safety Harbor Cr.			
Above Fairfax Br.	1-12	7- 9	7- 9A	(S. 6,31,32)	1-12	7- 8	7- 8A
S. Prairie Cr.				25 Mile Cr. (S. 19,25,30)	1-12	7- 8	7- 8A
Mouth to Spiketon Rd.	- - -	CLOSED		Other Tribs. or Portions	1-12		
Above Spiketon Rd.	1-12	7- 9	7- 9A	Chelan R.	1-12	1-12	1-12B
Wilkenson Cr.				Chewack R.	7- 9	7- 9	7- 8A
Mouth to Snell Lk.	- - -	CLOSED	- - -	Boulder Cr.	7-10	7-10	
Above Snell Lk.	1-12	7- 9	7- 9A	Cub Cr.	6- 9	6- 9	
Voights Cr.				Eight Mile Cr.	6- 9	6- 9	
Mouth to Falls (S. 2)	- - -	CLOSED	- - -	All Other Tribs.	7- 9	7- 8	
Above Falls	1-12	7- 9	7- 9A	Chinook R.	7-10	7-10	
All Other Tribs.	1-12	7- 9	7- 9A	All Tribs.	1-12	7-10	
Cascade R.				Chiwawa R.			
Mouth to Forks	1-12	8- 9	8- 9A	Mouth to Phelps Cr.	1-12	7- 8	7- 8B
S. F. Cascade R.	1-12	8- 9		Phelps Cr. to Hdwrts	1-12	7- 8	7- 8A
N. F. Cascade R.	7- 8			All Other Tribs.	1-12	7- 8	7- 8A
M. F. Cascade R.	1-12	8- 9		Cispus R.	1-12	7- 1	7- 1A
Jordan Cr.	1-12	8- 9		McCoy Cr.	1-12	7- 1	7- 1A
Marble Cr.	1-12	8- 9		All Other Tribs.	1-12	7- 1	
Boulder Cr.	1-12	8- 9	8A	Clallam R.			
Found Cr.	1-12	8- 9		Mouth to Boulder Cr.	6-10	7- 8	
Sonny Boy Cr.	1-12	8- 9		Above Boulder Cr.	6-10		
All Other Tribs.	1-12			All Other Tribs.	6-10		
Cedar River (King Co.)				Clearwater R. (Jefferson Co.)			
Mouth to Landsburg Dam	7- 8			Mouth to Gross Br.	7-10	7- 9	7- 8B
Landsburg Dam to Hdwrts.	- - -	CLOSED	- - -	Above Gross Br.	7-10	7- 8	
Downs Cr.	- - -	CLOSED	- - -	All Other Tribs.	7-10		
Madson Cr.	- - -	CLOSED	- - -	Clearwater R. (Pierce Co.)	1-12	7-10	7-10B
Peterson Cr.	- - -	CLOSED	- - -	All Tribs.	1-12	7-10	7-10A
Rock Cr.	- - -	CLOSED	- - -	Cle Elum R.	1-12	7-10	7-10B
All Other Tribs.	8-10			Fortune Cr.	1-12	1-12	1-12B
Cedar R. (Pacific Co.)	1-12	7-10		All Other Tribs.	1-12	7-10	7-10A
All Tribs.	1-12			Columbia R.			
Chehalis R.	1-12	7- 8	7- 8D	Mouth to Hanford Pwr Line	1-12	1-12	1-12D
E. Fork Chehalis R.	7-10	7- 8		Hanford Pwr Line to			
S. Fork Chehalis R.	7-10	7- 8		Wanapum Dam	1-12	7- 9	7- 9B
W. Fork Chehalis R.	7-10	7- 8		Wanapum Dam to Hdwrts	1-12	1-12	1-12D
Charley Cr.	1-12	7- 9		Squillchuck Cr.	1-12	1-12	1-12A
Workman Cr.	1-12	7- 9		Stemilt Cr.	1-12	1-12	1-12A
Delezene Cr.	1-12	7- 9		Salmon Cr.	1-12	6- 9	6- 9B
Mox Chehalis Cr.				Skamokawa Cr.	1-12		
To Sand Cr.	1-12	7- 9	7- 9A	Colville R.			
Rock Cr. to Williams Cr.	1-12	7- 9	7- 9A	Mouth to Mill Cr.	1-12	6- 9	6- 9B
Garrard Cr. to S. Fork	1-12	7- 9	7- 9A	Above Mill Cr.	1-12		
Independence Cr.	1-12	7- 9		Colville Hatchery Inlet	- - -	CLOSED	- - -
Porter Cr. to N. & S. Fork	1-12	7- 8	7- 8A	All Tribs.	1-12		
Gibson Cr. to Thurston Cr.	1-12	7- 8		Copalis R.			
Cedar Cr. to Sherman Cr.	1-12	7- 8	7- 8A	Mouth to Aloha Beach Rd	1-12	7- 8	7- 8A
Sherman Cr. to Monroe Cr.	1-12	7- 9	7- 10A	Upstream and All Tribs.	1-12		
Above Monroe Cr.	1-12	7- 9		Coweeeman R.			
Harris Cr. to Roundtree Cr.	1-12	7- 9	7- 9A	Mouth to Whitehouse Br.	7- 9	7- 9	7- 9B
Cloquallum Cr. to				Above Bridge	7- 9	7- 9	
Wildcat Cr.	1-12	7- 9		All Tribs.	7- 9		
W.F. Porter Cr. to Busy Cr.	1-12	7- 8		Cowlitz R.			
O'Leary Cr.	1-12	7- 9		Mouth to Mayfield Dam	7- 9	7- 9	
Stafford Cr.	1-12	7- 9		Mayfield Dam to Clear Fk	7- 1	7- 1	7- 1B
Indian Cr.	1-12	7- 9		Above Clear Fork	7- 1		
Campbell Cr.	1-12	7- 9		Blue Cr.	- - -	CLOSED	- - -
Chaplin Cr.	1-12	7- 9		All Other Tribs.	7- 9		
Scatter Cr. to I-5	1-12	7- 9					
Prairie Cr.	1-12	7- 9					
All Other Tribs.	7-10						

	I	II	III		I	II	III
Crab Cr.	1-12	3- 9	3- 9B	Hamma Hamma R.			
Deep R.	7- 9	7- 9		Mouth to Falls	7- 8	7- 8	7- 8B
All Tribs.	7- 9			Falls to Lena Cr.	1-12	7-10	7-10A
Deschutes R.				Above Lena Cr.	1-12	7-10	
Mouth to Falls	1-12	7- 8	7- 8A	John Cr.	7- 8		
Above Falls	1-12	7-10	7-10A	Jefferson Cr.			
Little Deschutes R.	1-12	7-10		Mouth to Elk Lk.	7-10	7-10	
All Other Tribs.	7- 9			Above Elk Lk.	7- 8		
Dewatto R.	7- 8			All Other Tribs.	7- 8		
All Tribs.	7- 8			Hoh R.	7-10	7- 9	7B
Dickey R.				S. Fk. Hoh R.	7-10	7- 9	7B
To Forks	7-10	7- 8	7- 8A	All Tribs.	7-10		
West Fork to Middle Fork	7-10	7- 9		Hoko R.			
Above M.F.	7-10			Mouth to Brownes Cr.	7-10	7- 9	7- 8A
E.F. Dickey R.				Brownes Cr. to Herman Cr.	7-10	7- 9	
to Skunk Cr.	7-10	7- 9		Above Herman Cr.	7-10		
Above Skunk Cr.	7-10			All Tribs.	7-10		
All Other Tribs.	7-10			Hood Canal Tribs.			
Dosewallips R.	7- 8	7- 8	7- 8B	Alderbrook Cr.	7- 9		
All Tribs.	1-12			Eagle Cr.	7- 9		
Douglas Cr.	3-11			Twanoh Cr.	7- 9		
Duckabush R.				Finch Cr.	7- 9		
Mouth to USFS Br.	7- 8	7- 8	7- 8B	Shoofly Cr.	7- 9		
USFS Br. to Nat'l. Pk.	1-12	7- 8		Stimson Cr.	7- 9		
All Tribs.	6- 9			Ltl. Mission Cr.	7- 9		
Dungeness R.				Big Mission Cr.	7- 9		
Mouth to Gold Cr.	7- 8	7- 8	7- 8B	Jorstad Cr.	7- 9		
Above Gold Cr.	7-10	7-10	7-10A	Lil. Anderson Cr.	7- 9		
All Tribs.	7-10			Johnson Cr.	7- 9		
Elk R.				Big Beef Cr.	7- 8		
Mouth to M. Fk.	1-12	7- 9		Ltl. Beef Cr.	7- 8		
Above Middle Fk.	1-12			Seabeck Cr.	7- 9		
All Tribs.	7-10			Stavis Cr.	7- 9		
Elochoman R.	1-12			Boyce Cr.	7- 9		
All Tribs.	1-12			Anderson Cr.	7- 8		
Elwha R.	7-10	7- 9	7- 8B	Scharerer Cr.	7- 9		
All Tribs.	7-10			Fulton Cr.	7- 9		
Entiat R.				Marple Cr.	7- 9		
Mouth to Mad R.	1-12	1-12	7-10B	Spencer Cr.	7- 9		
Mad R. to Fks.	1-12	1-12	7- 8A	Donovan Cr.	7- 9		
Above Fks.	1-12	7- 8	7- 8A	Tarboo Cr.	7- 9		
All Other Tribs.	1-12	7- 8	7- 8A	Thorndyke Cr.	7- 9		
Esquatze Coulee	1-12	4- 9		All Other Tribs.	1-12		
Fall R.				Hoquiam R.			
Mouth to Dean Cr.	1-12	7- 8		Mouth to Middle Fk.	1-12	7- 9	7- 9A
All Tribs.	7-10			E.F. Hoquiam R.			
Foss R.	1-12	6- 8	6- 8B	To Berryman Cr.	1-12	7- 9	7- 9A
All Tribs.	1-12			W.F. Hoquiam R.			
Grande Ronde R.	1-12			To 101 Bridge	1-12	7- 9	7- 9A
All Tribs.	1-12			Remainder and All Tribs.	7-10		
Grays R.	7- 9			Humptulips R.			
All Tribs.	7- 9			Mouth to Forks	1-12	7- 8	7- 8A
Gray Wolf R.	7-10	7-10		E.F. Humptulips R.			
All Tribs.	7-10			to Flatbottom Cr.	1-12	7- 8	
Green R. (S.W. WA)	- - -	CLOSED	- - -	W.F. Humptulips R.			
All Tribs.	- - -	CLOSED	- - -	to Donkey Cr.	1-12	7- 8	
Green R. (King Co.)	1-12	7- 9	8- 9B	Remainder and All Tribs.	7-10		
All Tribs.	7- 9	7- 9	7- 9A	Johns R.			
Greenwater R.	1-12	7- 9	7- 9B	Mouth to Forks	1-12	7-10	7-10A
All Tribs.	7- 9	7- 9	7- 9A	S.F. Johns R.			
				to Archer Cr.	1-12	7- 9	7- 9A
				Above Archer Cr.	1-12	7- 9	
				All Tribs.	7-10		
				Kachess R.	1-12		
				All Tribs.	1-12		



	I	II	III		I	II	III
Kalama R.				Moclips R.	1-12	7- 8	7- 8A
Mouth to Modrow Br.	1-12	7- 9	7- 9B	All Tribs.	1-12		
Above Modrow Br.	1-12			Mowich R.	1-12	7- 9	7- 9A
All Tribs.	1-12			All Tribs.	1-12		
Kettle R.				Naches R.	1-12	1-12	7- 8B
Mouth to Barstow	1-12	7- 9	7- 9B	Rattlesnake Cr.	1-12	7-10	7- 8A
Barstow to Canada	1-12			All Other Tribs.	1-12	7-10	
Canada to Hdwt's.	1-12	7- 9	7- 9B	Napeequa R.	1-12		
Mary Ann Cr.	1-12	1-12	1-12B	Twin Lks. & Tribs	- - -	CLOSED	- - -
Meyers Cr.	1-12	7- 8		All Other Tribs.	1-12		
Toroda Cr.	7- 9			Naselle R.	1-12	7- 9	
All Other Tribs.	1-12			Alder Cr.	1-12	7- 8	
Klickitat R.	1-12	7- 9	7- 9A	All Other Tribs.	1-12		
All Tribs.	1-12	7-10		Nemah R.	1-12	7- 8	
Lewis R.				N. Nemah R.	1-12	7- 8	
Mouth to Forks	1-12	7- 8	7- 8B	S. Nemah R.	1-12	7- 8	
All Other Tribs.	1-12			M. Nemah R.	1-12	7- 8	
N. F. Lewis R.				Williams Cr.	1-12	7- 8	
Below Merwin Dam	1-12	7- 9		All Other Tribs.	7-10		
Above Merwin Dam	1-12			Nespelem R.	1-12	7-10	7-10B
All Tribs.	1-12			All Tribs.	1-12	7-10	7-10B
E. F. Lewis R.				Newaukum R.	7-10	7- 8	
Mouth to LaCenter	1-12	7- 9	7- 9B	All Tribs.	7-10		
LaCenter to Sunset				Niawiakum R.	1-12	7- 9	
Falls	7- 9			All Tribs.	1-12		
Above Sunset Falls	6- 9	6- 9	6- 9B	Nisqually R.	1-12	7- 9	7- 9C
Copper Cr.	6- 9	6- 9	6- 9B	Edna Cr.	1-12	7- 9	
All Other Tribs.	6- 9			East Cr.	- - -	CLOSED	- - -
Lilliwaup R.	7- 8			Yelm Cr.	1-12	7- 9	
All Tribs.	7- 8			All Other Tribs.	1-12		
Lind Coulee	1-12	4- 9		Nooksack R.			
Little R.	1-12			Mouth to Fks.	1-12	7-10	7-10C
All Tribs.	1-12			Cutter Cr.	1-12	8-10	
Ltl. Naches R.	1-12	1-12	7- 8B	All Other Tribs.	1-12		
All Tribs.	1-12	7-10		S.F. Nooksack R.	1-12	8- 9	8- 9A
Ltl. Quilcene R.	7- 8	7- 8		Sugotowitz Cr.	1-12	8- 9	
All Tribs.	7- 8			Hutchinson Cr.	1-12	8- 9	
Ltl. Wenatchee R.	1-12	7- 8	7- 8A	Henderson Cr.	1-12	8- 9	
All Tribs.	1-12			Skookum Cr.	1-12	8- 9	
Ltl. White Salmon R.	1-12	6-12	7- 9A	Howard Cr.	1-12	8- 9	
All Tribs.	1-12	7- 9		Edfro Cr.	- - -	CLOSED	- - -
Lost R.	7- 8	7- 8	7- 8A	Mouth to Falls	- - -	CLOSED	- - -
All Tribs.	1-12	7- 8		Above Falls	1-12		
Lyre R.	7-10	7- 9	7- 8B	All Other Tribs.	1-12		
All Tribs.	7-10			M.F. Nooksack R.	1-12	8- 9	8- 9A
Mad R.	1-12			Canyon Cr.	1-12	8- 9	8- 9A
All Tribs.	1-12			Falls Cr.	1-12	8- 9	
Mashel R.	7- 9	7- 9	7- 9B	Clearwater Cr.	1-12	8- 9	8- 9A
All Tribs.	1-12	7- 9	7- 9A	Galbraith Cr.	1-12	8- 9	8- 9A
Methow R.	7- 9	7- 9	7- 8A	Warm Cr.	1-12	8- 9	
Beaver Cr.	7-10	7-10		All Other Tribs.	1-12		
Benson Cr.	7- 9	7- 8		N.F. Nooksack R.	1-12	8- 9	8- 9A
Cedar Cr.	8-10	8-10		Racehorse Cr.	1-12	8- 9	
Crater Cr.	7- 8	7- 8		West Cornell Cr.	1-12	8- 9	
Early Winters Cr.	7- 8	7- 8		Cornell Cr.	1-12	8- 9	
Goat Cr.	8-10	8-10		Aldrich Cr.	1-12	8- 9	
Gold Cr.	7- 8			Glacier Cr.	1-12	8- 9	
Libby Cr.	7- 8	7- 8		Deadhorse Cr.	1-12	8- 9	
S. Fk. Gold Cr.	7- 8	7- 8		Gallup Cr.	1-12	8- 9	
Wolf Cr.	7- 8	7- 8		Wells Cr.	1-12	8- 9	8- 9A
All Other Tribs.	1-12	7- 8		Swamp Cr.	1-12	8- 9	8- 9A
Miller R.	7- 8	7- 8	7- 8A	All Other Tribs.	1-12		
All Tribs.	7- 8	7- 8					

	I	II	III		I	II	III
North R.	1-12	7- 8	7- 8A	Kennedy Cr.	7- 9	7- 8	
Lower Salmon Cr.	1-12	7- 8		Schneider Cr.	7- 9	7- 9	
Ltl. North R.				McLane Cr.	1-12	7- 9	
To Beck Cr.	1-12	7- 9		Woodward Cr.	1-12	7- 9	
Raimie Cr.				Woodland Cr.	1-12	7- 9	
To Forks	1-12	7- 8		McAllister Cr.	1-12	7- 9	
Vesta Cr.				California Cr.	1-12	7-10	
To Forks	1-12	7- 9	7- 9A	Dakota Cr.	1-12	7-10	
All Other Tribs.	7-10			Chuckanut Cr.	1-12	7-10	
Northrup Cr.	3- 9			Big Gulch Cr.	8- 9		
Okanogan R.	1-12	7- 9	7- 9B	Lund's Gulch Cr.	8- 9		
Bonapart Cr.	7- 8	7- 8		Picnic Cr.	1-12	1-12	7- 9A
Salmon Cr.	7- 8	7- 8		Pipers Cr.	- - -	CLOSED	- - -
Loup Loup Cr.	7- 8	7- 8		Shell Cr.	8-10		
All Other Tribs.	1-12	1-12	7- 8A	Shellberger Cr.	8-10	8-10	8-10A
Ozette Lk. Tribs.	7-10			John's Cr.	7- 8		
Pacific Ocean Tribs				Cranberry Cr.	7- 9		
Cedar Cr.	7-10			Deer Cr.	7- 8		
Ellen Cr.	7-10			Jones Cr.	7- 9		
Goodman Cr.				Sherwood Cr.	7- 8		
Mouth to Minter Cr.	7-10	7- 9		Johnson Cr.	7- 9		
Above Minter Cr.	7-10			Strawberry Cr.	7- 9		
Jackson Cr.	7-10			Chimacum Cr.			
Mosquito Cr.	7-10			Mouth to E. Chimacum			
Petroleum Cr.	7-10			Valley Road	7-10		
Scott Cr.	7-10			Above E. Chimacum			
Joe Cr.	1-12	7- 8	7- 8A	Valley Road	- - -	CLOSED	- - -
Boone Cr.	1-12	7- 8	7- 8A	Coulter Cr.	7- 8		
Palix R.	7-10	7-10		Rocky Cr.	7- 9		
North Palix R.	7-10	7-10		Burley Cr.	7- 9		
South Palix R.	7-10	7-10		Lackey Cr.	7- 9		
Middle Palix R.	7-10	7-10		Minter Cr.	7- 9		
All Tribs.	7-10			Purdy Cr.	7- 9		
Palouse R.	1-12	1-12	1-12B	Crescent Cr.	7- 9		
All Tribs.	1-12	3- 9		Curley Cr.	7- 9		
Pend Oreille R.	1-12	1-12	1-12D	Blackjack Cr.	7- 8		
Sullivan Cr.				Square Cr.	7- 9		
Mouth to Outlet Cr.	1-12	6-10	6-10B	Whatcom Cr.	- - -	CLOSED	- - -
Above Outlet Cr.	1-12	7- 8	7- 8A	Oyster Cr.	1-12	7-10	
State Cr.	1-12	7- 8	7- 8A	All Other Tribs.	1-12		
Harvey Cr.	- - -	CLOSED	- - -	Puyallup R.	1-12	7- 9	7- 8B
Kings Lake Inlets	- - -	CLOSED	- - -	All Tribs.	1-12	7- 9	7- 9A
All Other Tribs.	1-12			Pysht R.			
Pitchuck R.	1-12	7- 8		Mouth to South Fork	7-10	7- 9	7- 8A
All Tribs.	7- 8			Above South Fork	7-10		
Pratt R.				All Tribs.	7-10		
Mouth to Tuscohatchie Cr.	9- 5			Queets R.	7-10	7- 9	7B
Above Tuscohatchie Cr.	9- 5	9- 5	9- 5B	All Tribs.	7-10		
All Other Tribs.	9- 5			Quillayute R.	7-10	7- 8	7- 8B
Puget Sound Tribs.				All Tribs.	7-10		
Gorst Cr.	7- 8			Quinault R.	7-10	7- 9	7- 8B
Chico Cr.	7- 9			All Tribs.	7-10		
Clear Cr.	7- 9			Raging R.			
Barker Cr.	7- 9			Mouth to Range 7 & 8	8-10		
Ilahahe Cr.	7- 9			Range 7 & 8 to Hdwtrs.	8-10	8-10	8-10B
Steele Cr.	7- 9			Deep Cr.			
Big Scandia Cr.	7- 9			To Forks	8-10		
Dogfish Cr.	7- 8			Forks to Hdwtrs.	8-10	8-10	8-10A
Rocky Cr.	8- 9			All Other Tribs.	8-10	8-10	8-10A
Skookum Cr.	7- 9	7- 8		Rapid R.	1-12	7-10	
Mill Cr.	7- 9	7- 8		All Tribs.	1-12	7-10	
Goldsborough Cr.				Rex R.	- - -	CLOSED	- - -
To Forks	7- 9	7- 8	7- 8A	All Tribs.	- - -	CLOSED	- - -
N.F. Goldsborough Cr.	1-12	7- 9		Ross Lk.	- - -	CLOSED	- - -
S.F. Goldsborough Cr.	1-12	7- 9		All Tribs.	- - -	CLOSED	- - -

	I	II	III		I	II	III
Salmon R.	1-12	7- 8	7B	Skokomish R.			
All Tribs.	1-12			Mouth to N.F.	1-12	7- 9	7- 9B
Samish R.				N.F. Skokomish R.	7-10	7- 8	
Mouth to Hwy 9	1-12	8	8A	S.F. Skokomish R.			
Hwy 9 to Hdwtrs.	7-10			Mouth to Rule Cr.	1-12	7-10	7- 9B
Parsons Cr.	1-12	7-10		Rule Cr. to Hdwtrs.	7-10		
Friday Cr.	1-12	8	8A	All Tribs.	7-10		
Dry Cr.	1-12	7-10		Skookumchuck R.			
All Other Tribs.	1-12			Mouth to Dam	1-12	7- 8	7- 8A
Sammamish Lake				Hanford Cr. to Coal Cr.	1-12	7- 9	7- 9A
Sammamish R.	1-12			Remainder and Tribs.	7-10		
All Tribs.	- - -	CLOSED	- - -	Skykomish R.			
San Poil R.	1-12	7- 8	7- 8A	Mouth to Forks	1-12	7- 8	7- 8D
All Tribs.	1-12			N.F. Skykomish R.	1-12	7- 8	7- 8A
San Juan Island Streams				Silver Creek	7-10	7- 9	7- 9A
Cascade Mt. Lk. Tribs.	- - -	CLOSED	- - -	S.F. Skykomish R.			
All Other Tribs.	1-12	1-12		Mouth to Eagle Falls	1-12	7- 8	7- 8B
Satsop R.				Above Eagle Falls	1-12	7- 8	
Mouth to Middle Fk.	1-12	7-10	7- 9A	All Other Tribs.	1-12		
Remainder and All Tribs.	7-10			Snake R.	1-12	1-12	1-12D
Sauk R.				All Tribs.	1-12		
Mouth to Whitechuck R.	1-12	7- 8	7- 8B	Snahapish R.			
Above Whitechuck R.				Mouth to Octopus Cr.	7-10	7- 9	
to Fks.	7- 8	7- 8		Above Octopus Cr.	7-10		
N. Fk. Sauk R.	7- 8	7- 8		All Tribs.	7-10		
S. Fk. Sauk R.	7- 8	7- 8		Snohomish R.			
76 Gulch Cr.	1-12	8- 9	8- 9B	Mouth to Hwy 9	1-12	1-12	7-10D
All Other Tribs.	7- 8	7- 8		Above Hwy 9	1-12	7- 8	7- 8D
Sekiu R.				All Tribs.	7- 8	7- 8	
Mouth to Forks	7-10	7- 9	7- 8A	Snoqualmie R.			
N.F. Sekiu R.				Mouth to High Bridge	1-12		
To Sunny Brook Cr.	7-10	7- 9		High Bridge to Falls	1-12	7- 8	7- 8B
Above Sunny Brook Cr.	7-10			Falls to Forks	1-12	8- 9	8- 9B
S.F. Sekiu R.	7-10			Cherry Cr.			
All Tribs.	7-10			Mouth to Section 6	- - -	CLOSED	- - -
Similkameen R.				Above Section 6	8-10	8-10	
Mouth to Enloe Dam	1-12	7- 9	7- 9C	Coal Creek			
Above Enloe Dam	1-12	6- 9	6- 9D	To Section 36	8- 9		
Sinlahekin Cr.	7- 8			Above Section 36	8-10	8-10	
Cecil Cr.	7- 8			Griffin Cr.			
Touts Coulee Cr.	7- 8	7- 8		To East Fork	- - -	CLOSED	- - -
All Other Tribs.	1-12	7-10	7-10B	Above East Fork	8-10		
Sitkum R.				Hannan Cr.	8-10	8-10	
Mouth to North Fork	7-10	7- 9	7- 8A	Harris Cr.	- - -	CLOSED	- - -
Above North Fork	7-10			Kimball Cr.			
All Tribs.	7-10			To Section 8	8- 9		
Skagit R.	1-12	1-12	8- 9B	Above Section 8	8-10	8-10	8-10A
Sky Cr.	1-12	8- 9	8- 9A	Patterson Cr.	- - -	CLOSED	- - -
Copper Cr.	1-12	8- 9	8- 9A	Tokol Cr.	8- 9		
Alma Cr.	1-12	8- 9	8- 9A	All Other Tribs.	8-10		
Gilligan Cr.				N.F. Snoqualmie R.			
Above Diversion.	- - -	CLOSED	- - -	Mouth to Black Canyon	9- 5	9- 5	
Grandy Cr.	1-12	7- 9	8- 9A	Area 1*	1-12	9- 5	9- 5B
Finney Cr.	1-12	7- 9	8- 9A	Area 2*	9- 5	9- 5	
Day Cr.	1-12	7- 9		Area 3*	1-12	9- 5	9- 5B
Presentine Cr.	1-12	8- 9		Area 4*	9- 5		
Jackman Cr.	1-12	8- 9		Area 5*	- - -	CLOSED	- - -
Barr Cr.	1-12	8- 9		Area 5 To Hdwtrs.	9- 5		
Illabot Cr.	1-12	8- 9		Sunday Creek	- - -	CLOSED	- - -
Alder Cr.	- - -	CLOSED	- - -	Lennox Creek	- - -	CLOSED	- - -
All Other Tribs.	1-12			Phillippa Creek	- - -	CLOSED	- - -
				All Other Tribs.	9- 5		

\*See end of listings.

	I	II	III		I	II	III
M.F. Snoqualmie R.	9- 5			Eagle Cr.	7-10		
Burntboot Cr.	9- 5			Ennis Cr.	7-10		
Crawford Cr.	9- 5			East Twin R.			
Granite Cr.	9- 5			Mouth to Sadie Cr.	7-10	7- 9	
All Other Tribs.	9- 5	9- 5		Above Sadie Cr.	7-10		
S.F. Snoqualmie R.				Field Cr.	7-10		
Mouth to Commonwealth				Gierin Cr.	7-10		
Cr.	9- 6			Jimmycomelately Cr.	- - - CLOSED	- - -	
Commonwealth Cr.				Johnson Cr.	7-10		
to Hdwtrs	9- 5	9- 5	9- 5B	Joe Cr.	7-10		
Boxley Cr.	- - - CLOSED	- - -		Jim Cr.	7-10		
Clough Cr.	- - - CLOSED	- - -		Lees Cr.	7-10		
Denny Cr.	9- 5			McDonald Cr.	7-10		
Ribary Cr.	- - - CLOSED	- - -		Morse Cr.			
All Other Tribs.	9- 5	9- 5		Mouth to Lake Cr.	7-10	7-10	7- 8A
Soleduck R.	7-10	7- 9	7B	Above Lake Cr.	7-10	7-10	
All Tribs.	7-10			Murdock Cr.	7-10		
Solleks R.				Peabody Cr.	7-10		
Mouth to Kloochooman Cr.	7-10	7- 9		Salmon Cr.	- - - CLOSED	- - -	
Above Kloochooman Cr.	7-10			Siebert Cr.	7-10		
All Tribs.	7-10			Salt Cr.	7-10		
Sooes R.				Snow Cr.	- - - CLOSED	- - -	
Res. Boundary to				Trappers Cr.	- - - CLOSED	- - -	
Shafer Cr.	7-10	7- 9	7- 8A	Tumwater Cr.	7-10		
Shafer Cr. to Falls	7-10	7- 9		Valley Cr.	7-10		
Above Falls	7-10			Whiskey Cr.	7-10		
All Tribs.	7-10			W. Twin R.	7-10		
Spokane R.	1-12			All Other Tribs.	1-12		
Ford Hatchery Inlet	- - - CLOSED	- - -		Suiattle R.	7- 8	7- 8	
Spokane Hatchery Inlet	- - - CLOSED	- - -		All Tribs. up to Milk Cr.	7- 8	7- 8	
Waikiki Hatchery Inlet	- - - CLOSED	- - -		Milk Cr.	7- 8	7- 8	
All Other Tribs.	1-12			Canyon Cr.	7- 8	7- 8	
Stehekin R.	1-12			Dolly Cr.	7- 8	7- 8	
Company Cr.	- - - CLOSED	- - -		Small Cr.	7- 8	7- 8	
All Other Tribs.	1-12			Miners Cr.	7- 8	7- 8	
Stillaguamish R.				All Other Tribs.	1-12	7- 9	
Mouth to Forks	1-12	7- 8	7- 8D	Sultan R.			
All Tribs.	7- 8	7- 8		Mouth to Diversion			
N.F. Stillaguamish R.				Dam	1-12	7- 8	7- 8B
Mouth to Falls	1-12	7- 8	7- 8D	Diversion Dam to			
Above Falls	1-12	7- 8		Hdwtrs.	1-12	7-12	7-12A
Deer Cr.	7- 9	7- 9		All Tribs.	1-12		
All Tribs.	- - - CLOSED	- - -		Sumas R.	1-12	1-12	
All Other Tribs.	7- 8	7- 8		All Tribs.	1-12		
S.F. Stillaguamish R.				Tahuya R.	7- 8	7- 8	
Mouth to Granite Falls	1-12	7- 8	7- 8D	All Tribs.	7- 8		
Above Granite Falls	1-12	7- 8	7- 8B	Taylor R.	8-10	8-10	
Canyon Cr.				Big Cr.	1-12	1-12	1-12A
To Forks	1-12	7- 8	7- 8B	Martin Cr.	8-10	8-10	
N.F. Canyon Cr.	1-12	7- 8		Quartz Cr.	8-10	8-10	
S.F. Canyon Cr.	1-12	7- 8		All Other Tribs.	8-10		
Jim Cr.	7- 8	7- 8		Teanaway R.			
All Other Tribs.	7- 8	7- 8		Mouth to North Fork	1-12	7-10	7-10A
Straits of Juan De Fuca Tribs.				N.F. Teanaway R.	1-12	7-10	7-10A
Andrews Cr.	- - - CLOSED	- - -		All Tribs.	1-12	7- 8	7-10A
Bell Cr.	7-10			Tieton R.	1-12	1-12	1-12C
Bagley Cr.	7-10			All Tribs.	1-12	7-10	
Bullman Cr.	7-10			Tilton R.	7- 1	7- 1	
Contractors Cr.	7-10			Connelly Cr.	- - - CLOSED	- - -	
Cassalery Cr.	7-10			All Other Tribs.	7- 1		
Coville Cr.	7-10			Tolt R.			
Dean Cr.	7-10			Mouth to Fks.	8-10		
Dry Cr.	7-10			N.F. Tolt R.	9- 5		
Deep Cr.				S.F. Tolt R.			
Mouth to East Fork	7-10	7- 9		To Dam	9- 5		
Above East Fork	7-10			Dam to Hdwtrs.	9- 5	9- 5	
All Tribs.	7-10			Dry Cr.	9- 5	9- 5	9- 5A

	I	II	III		I	II	III
Langlois Cr.	-	CLOSED		Ingalls Cr.	1-12	7- 8	7- 8A
Lynch Cr.	- - -	CLOSED - - -		Mission Cr.	1-12	7-10	7-10A
Stossel Cr.	-	CLOSED - - -		Peshastin Cr.			
Titicaca Cr.	9- 5	9- 5	9- 5A	Mouth to Ingalls Cr.	1-12	7-10	7-10A
Titicaed Cr.	9- 5	9- 5	9- 5A	Remainder & Tribs	1-12	1-12	1-12C
All Other Tribs	9- 5			All Other Tribs.	1-12		
Touchet R.				White R. (Chelan Co.)	1-12	7- 8	7- 8A
Mouth to Hwy 12 Br.				All Tribs	1-12		
at Dayton	1-12	7- 9	7- 9B	White R. (Pierce Co.)	1-12	7- 9	8- 9B
Hwy 12 Br. Upstream	1-12			All Tribs.	1-12	7- 9	7- 9A
All Tribs.	1-12			Whitechuck R.	1-12	7- 8	7- 8B
Toutle R.	1-12			All Tribs.	1-12		
All Tribs.	1-12			White Salmon R.	1-12	7- 8	7- 9A
Tucannon R.				All Tribs	1-12	7- 8	
Mouth to Hwy 12 Br.	1-12	7-10	7-10B	Willapa R.			
Hwy 12 Br. Upstream	1-12			Mouth to Falls Cr.	1-12	7- 9	7- 9A
Tucannon Hatchery Inlet	- - -	CLOSED - - -		S.F. Willapa R.			
All Tribs.	1-12			Mouth to Minnie Cr.	1-12	7- 8	7- 8A
Twisp R.	7- 8	7- 8	7- 8A	Above Minnie Cr.	1-12	7- 8	
Buttermilk Cr.	7-10	7-10		Fork Cr.	1-12	7- 8	
Ltl. Buttermilk Cr.	7-10	7-10		Mill Cr.	1-12	7- 8	
All Other Tribs	8-10	8-10		Ward Cr.	1-12	7-10	
Tye R.	7- 8	7- 8		Wilson Cr.	1-12	7-10	
All Tribs	7- 8	7- 8		All Other Tribs.	7-10		
Union R.	7- 8	7- 8		Wilson Cr.	1-12	3- 9	
All Tribs	7- 9			Wind R.	1-12	7- 8	7- 9A
Vashon Is. Streams				All Tribs.	1-12	7- 8	
Judd Cr.	- - -	CLOSED -		Wishkah R.			
Shingle Mill Cr.	- - -	CLOSED - - -		Mouth to Big Cr.	1-12	7- 9	7- 9A
Christianson Cr.	8- 9			Remainder and Tribs	1-12		
Tahlequah Cr.	8- 9			Wynoochee R.			
All Other Streams	1-12	1-12	1-12A	Mouth to Dam	1-12	7- 9	7- 9A
Walla Walla R.	1-12	7-10	7-10B	Remainder and Tribs	7-10		
All Tribs.	1-12			Yakima R.			
Wallace R.	7- 8	7- 8	7- 8A	Mouth to Wapato Dam	1-12	1-12	1-12C
Olney Cr. Above Falls	7- 8	7- 8	7- 8A	Wapato Dam to Roza Dam	1-12	1-12	7- 9B
All Other Tribs	7- 8	7- 8		Above Roza Dam	1-12	1-12	7- 9B
Wallcut R.	1-12			Ahtanum Cr.	1-12	1-12	7-10B
All Tribs.	1-12			Wide Hollow Cr.	1-12	1-12	7-10B
Lk. Washington Tribs	- - -	CLOSED - - -		Wenas Cr.	1-12	1-12	7-10B
Washougal R.	1-12	7- 8		Cabin Cr.			
All Tribs	1-12	7- 8		Mouth to Ltl. Cr.	1-12	7-10	7-10B
Wenatchee R.	1-12	7- 8	7- 8B	Swauk Cr.			
Chumstick Cr.	1-12	7- 8	7- 8A	Mouth to US 97	1-12	1-12	1-12A
Deep Cr.	1-12	7- 8	7- 8A	Remainder & Tribs.	1-12	1-12	1-12C
Eagle Cr.	1-12	7- 8	7- 8A	All Other Tribs	1-12	7-10	7-10A
Icele Cr.	1-12	7- 8	7- 8A				

#### N. Fk. Snoqualmie R.

Area 1—River Mile (RM) 2.5 to 4.7. Black Canyon is that reach from about Ernie's Grove, upstream 2.2 miles, starting at Section 25/26 Line (Twp 24N, Rge 8E), and ends in the North ½ Section 19 (Twp 24N, Rge 9E).

Area 2—RM 4.7 to 10.3. From the North ½ Section 19 (Twp 24N, Rge 9E) to Sec 19/30 Line (Twp 25N, Rge 9E). RM 10.3 is also about 0.6 miles below mouth of Deep Creek.

Area 3—RM 10.3 to 13.0. From Section 19/30 Line (Twp 25N, Rge 9E) to Section 16/17 Line (Twp 25N, Rge 9E). Wagner's Campground is located at RM 11.5.

Area 4—RM 13.0 to 18.2. From Section 16/17 Line (Twp 25N, Rge 9E) to center of Section 11 (Twp 25N, Rge 9E). The center of Section 11 is about where Sunday Creek Road crosses the river.

Area 5—RM 18.2 to 21.1. From the center of Section 11 (Twp 25N, Rge 9E) to Section 7/8 Line (Twp 25N, Rge 10E). Section 7/8 Line is about where river assumes an obvious increase in gradient.

The Department of Wildlife and Department of Fisheries are responsible for fish and wildlife in Washington. Recreation that depends upon these resources is also a vital concern of these agencies. This pamphlet has been prepared to help prospectors and miners. The goal is to assure that gold prospecting takes place in harmony with other recreation uses in the same waters.

Understanding stream habitats is the first step in protecting fish. Using required and recommended methods of panning, sluicing, and dredging; following timing or equipment restrictions; obtaining all necessary permits; these are the things that will insure that today's pleasures do not interfere with tomorrow's fish and wildlife.

This pamphlet has been prepared in cooperation with the following:

Washington Department of Wildlife

Washington Department of Fisheries

Washington Department of Ecology

Washington Department of Natural Resources

Washington Parks and Recreation

National Park Service

U.S. Forest Service

Citizen's Wildlife Heritage Program

Fish and wildlife agencies  
in California, Oregon,  
Idaho and British Columbia

*Special thanks to the prospectors and miners for their valuable assistance during the writing of this pamphlet.*

The Washington State Department of Wildlife receives Federal Aid for fish and wildlife restoration. The department is subject to Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of race, color, national origin, or handicap. If you believe you have been discriminated against in any department program, activity, or facility, or if you want further information about Title VI or Section 504, write to:

Office of Equal Opportunity  
U.S. Department of Interior  
Washington, D.C. 20240



# Gold and Fish



OCTOBER 1987



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